

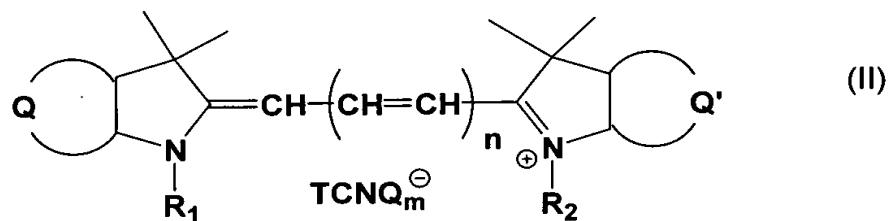
Appl. No. 09/971,751
Amendment dated: December 12, 2003
Reply to OA of: September 11, 2003

This listing of claims will replace all prior versions and listings of claims in the application.

Listing of Claims:

Claims 1-29(canceled).

30(new). A data storage media including a substrate and a recording layer, said recording layer containing uniformly distributed in said layer a mixture of at least a first and second cyanine dye-TCNQ complex; said first cyanine dye-TCNQ complex having a formula (II):



wherein Q and Q' each form a fix membered carbon containing aromatic ring;

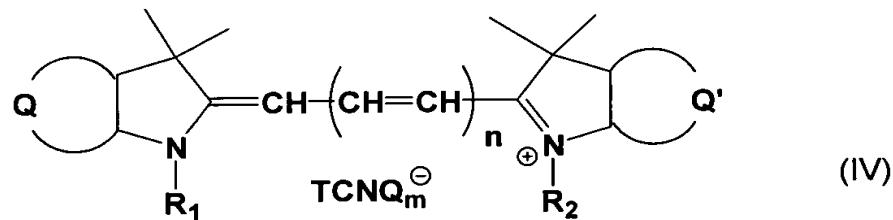
R₁ is -CH₂C₆H₄COOCH₃;

R₂ is a linear butyl group;

TCNQ is 7,7',8,8'-tetracyanoquinodimethane;

m and n are each 1; said second cyanine dye-TCNQ complex having a formula

(IV)



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wherein Q and Q' each form a six membered carbon containing aromatic ring;

R₁ is -CH₂C₆H₄COOCH₃;

R₂ is CH₂C₆H₄COOCH₃;

n is an integer of 2;

m is 1; and the weight percentage of complex (IV) to complex (II) is from 0.5 to about 20%.

31(new). The data storage media of claim 30 also containing a reflection layer which is selected from the group consisting of Au, Ag, Al, Cu, Cr and alloys thereof.

32(new). The data storage media of claim 30 wherein the recording layer has a thickness of about 500 Å to about 2000 Å.

33(new). The reflection layer of claim 30 having a thickness of about 500 Å to about 1000 Å.

34(new). The data storage media of claim 30 which is a high density recordable optical disc.

35(new). The data storage media of claim 30 wherein the weight percentage of complex (IV) to complex (II) is from 2 to 10%.

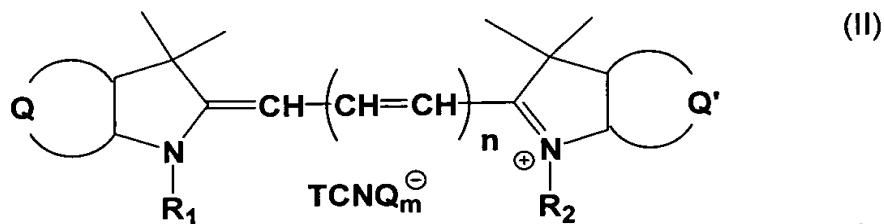
36(new). The data storage media of claim 35 also containing a reflection layer which is selected from the group consisting of Au, Ag, Al, Cu, Cr and alloys thereof.

37(new). The data storage media of claim 35 wherein the recording layer has a thickness of about 500 Å to about 2000 Å.

38(new). The reflection layer of claim 35 having a thickness of about 500 Å to about 1000 Å.

39(new). The data storage media of claim 35 which is a high density recordable optical disc.

40(new). A data storage media including a substrate and a recording layer, said recording layer containing uniformly distributed in said layer a mixture of at least a first and second cyanine dye-TCNQ complex; said first cyanine dye-TCNQ complex having a formula (II):



wherein Q and Q'

each form a fix membered carbon containing aromatic ring;

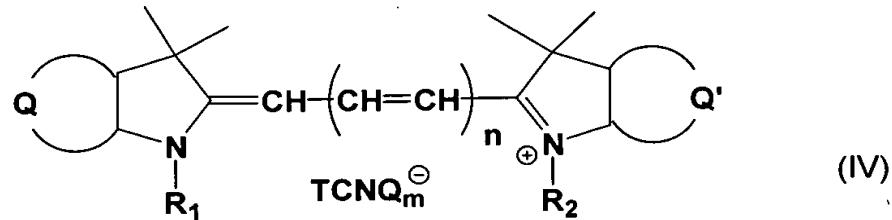
R₁ is -CH₂C₆H₄COOCH₃;

R₂ is an alkyl group;

TCNQ is 7,7',8,8'-tetracyanoquinodimethane;

m and n are each 1; said second cyanine dye-TCNQ complex having a formula

(IV)



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wherein Q and Q' each form a six membered carbon containing aromatic ring;

R₁ is -CH₂C₆H₄COOCH₃;

R₂ is CH₂C₆H₄COOCH₃;

n is an integer of 2;

m is 1; and the weight percentage of complex (IV) to complex (II) is from 0.5 to about 20%.

41(new). The data storage media of claim 40 also containing a reflection layer which is selected from the group consisting of Au, Ag, Al, Cu, Cr and alloys thereof.

42(new). The data storage media of claim 40 wherein the recording layer has a thickness of about 500 Å to about 2000 Å.

43(new). The reflection layer of claim 40 having a thickness of about 500 Å to about 1000 Å.

44(new). The data storage media of claim 40 which is a high density recordable optical disc.

45(new). The data storage media of claim 40 wherein the weight percentage of complex (IV) to complex (II) is from 2 to 10%.

46(new). The data storage media of claim 45 also containing a reflection layer which is selected from the group consisting of Au, Ag, Al, Cu, Cr and alloys thereof.

47(new). The data storage media of claim 45 wherein the recording layer has a thickness of about 500 Å to about 2000 Å.

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48(new). The reflection layer of claim 45 having a thickness of about 500 Å to about 1000 Å.

49(new). The data storage media of claim 45 which is a high density recordable optical disc.